

MODESTOVA, V. N.

TOMASHOV, Nikol Danilovich. Prinimeli uchastiye: TYUKINA, M.N.; PALEOLOG, Ye.N.; CHERNOVA, G.P.; MIKHAYLOVSKIY, Yu.N.; LUNEV, A.F.; TIMONOVA, M.A.; MODESTOVA, V.N.; MATVEYEVA, T.V.; BYALOBZHESKIY, A.V.; ZHUK, N.P.; SHREYDER, A.V.; TITOV, V.A.; VEDENEYEVA, M.A.; LOKOTILOV, A.A.; BERUKSHIIS, G.K.; DERYAGINA, O.G.; FEDOTOVA, A.Z.; FOKIN, M.N.; MIROLYUBOV, Ye.N.; ISAYEV, N.I.; AL'TOVSKIY, R.M.; SHCHIGOLEV, P.V.. YEGOROV, N.G., red.izd-va; KUZ'MIN, I.F., tekhn.red.

[Theory of the corrosion and the protection of metals] Teoriya korrozii i zashchity metallov. Moskva, Izd-vo Akad.nauk SSSR, 1959. 591 p. (MIRA 13:1)

(Corrosion and anticorrosives)

CA

4

Effect of anions on the kinetics of the cathodic reduction of oxygen. V. N. Medvedeva (Mendeleev Chem. Technol. Inst., Moscow). *Zhur. Fiz. Khim.* 35, 1134-40 (1961). Polarization curves of air-satd. 0.5 *N* H_2SO_4 contg. Cl^- or Br^- are displaced toward more neg. potentials E in the region where $\log i$ varies linearly with E . This is shown in solns. 0.2 *N* in $NaCl$ or $NaBr$. The effect is also studied at small concns. c of halogen ions; the shift in potential is proportional to $\log c$. The action of Br^- is stronger than that of Cl^- . These anions increase not only the overvoltage but also the concn. polarization. In 0.5 *N* $NaOH$ Cl^- and Br^- have practically no effect on the cathodic reduction of O_2 . Michel Boudart

MODESTOVA, V. N.; TOMASHOV, N. D.

Electrochemistry

Method of fixing and insulating specimens for electrochemical and corrosion studies.
V. N. Modestova, N. D. Tomashov.,
Trudy Inst. fis. khim. AN SSSR, No. 3, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

TOMASHEV, N.D.; MOISETOVA, V.N.

Investigation of corrosion of aluminum under anodic polarization.
Trudy Inst.Fiz.Khim., Akad. Nauk S.S.S.R. 2, Issledovaniya po Korrozii
Metal. No.1, 42-58 '51. (MLRA 4:10)
(CA 47 no.15:7347 '53)

MOISEWICH, V.N. and TOMASHOV, N.D.

Testing of Aluminum Corrosion During Anodic Polarization.

Research in Corrosion of Metals (Issledovaniya Po Korrosii Metallov)"

Published by-- Inst. of Physical Chemistry, USSR Academy of Sciences Moscow- 1951.

Translation - ATIC-79062-D

F-TS-6030.-A/V.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900047-6

Fastening and insulation of samples for electrochemical
and corrosion testing. Y. N. Modestova and N. D.
Tomashev (Acad. Sci. U.S.S.R., Moscow). *Zavodskaya*
Lab. 10, 365-6(1950). -- The use of polystyrene mountings
is described. (L. M. Kuznetsov)

g d. s. d.

Corrosion

Method of Fixing and Insulating Specimens for Electrochemical and Corrosion Investigations. V. B. Medvedev and N. D. Tomashov. (*Zashchita Laboratoriya*, 1960, No. 3, 365-366). [In Russian]. The use of polystyrene for sealing metal specimens into the solution-containing vessel during electrochemical and corrosion investigations is described.

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Polymorphism of potassium chloride. Izv. AN Kazakh. SSR. Ser. Khim.
nauk 14 no.1:26-33 Ja-Mr '64. (MIRA 18:3)

SUMOROKOVA, T.N.; MODESTOVA, T.P.

Fusibility of the system $PbCl_2$ -NaCl. Zhur. neorg. khim. 6
no.3:679-861 Mr '61. (MIRA 14:3)

1. Institut khimii AN Kazakhskoy SSR.
(Lead chloride)
(Salt)

SUMAROKOVA, T.N.; NODNOSTOVA, T.P.

Fusibility in the system $PbCl_2$ - KCl. Zhur. neorg. khim. 5 no.11:
2477-2482 N '60. (MIRA 13:11)

1. Institut khimii Akademii nauk Kazakhskoy SSR.
(lead chloride) (Potassium chloride)

MODUSTOVA, T.P.

Polymorphism of lead chloride. Zhur. neorg. khim. 5 no.8:1655-
1657 Ag '60. (MIRA 13:9)

1. Institut khimii Akademii nauk KazSSR.
(Lead chloride)

The Systems $PbCl_2-PbBr_2$ and $PbBr_2-PbI_2$

SOV/78 3-7-33/44

ASSOCIATION: Institut khimii AN Kazakhskoy SSR (Institute of Chemistry, AS
Kazakhskaya SSR)

SUBMITTED: June 17, 1977

1. Lead bromide-lead iodide systems--Analysis 2 Lead bromide
-lead chloride systems--Analysis

Carl 2/2

AUTHORS: Modestova, T.; Sizarokova, T. SOV/78-37-33/44

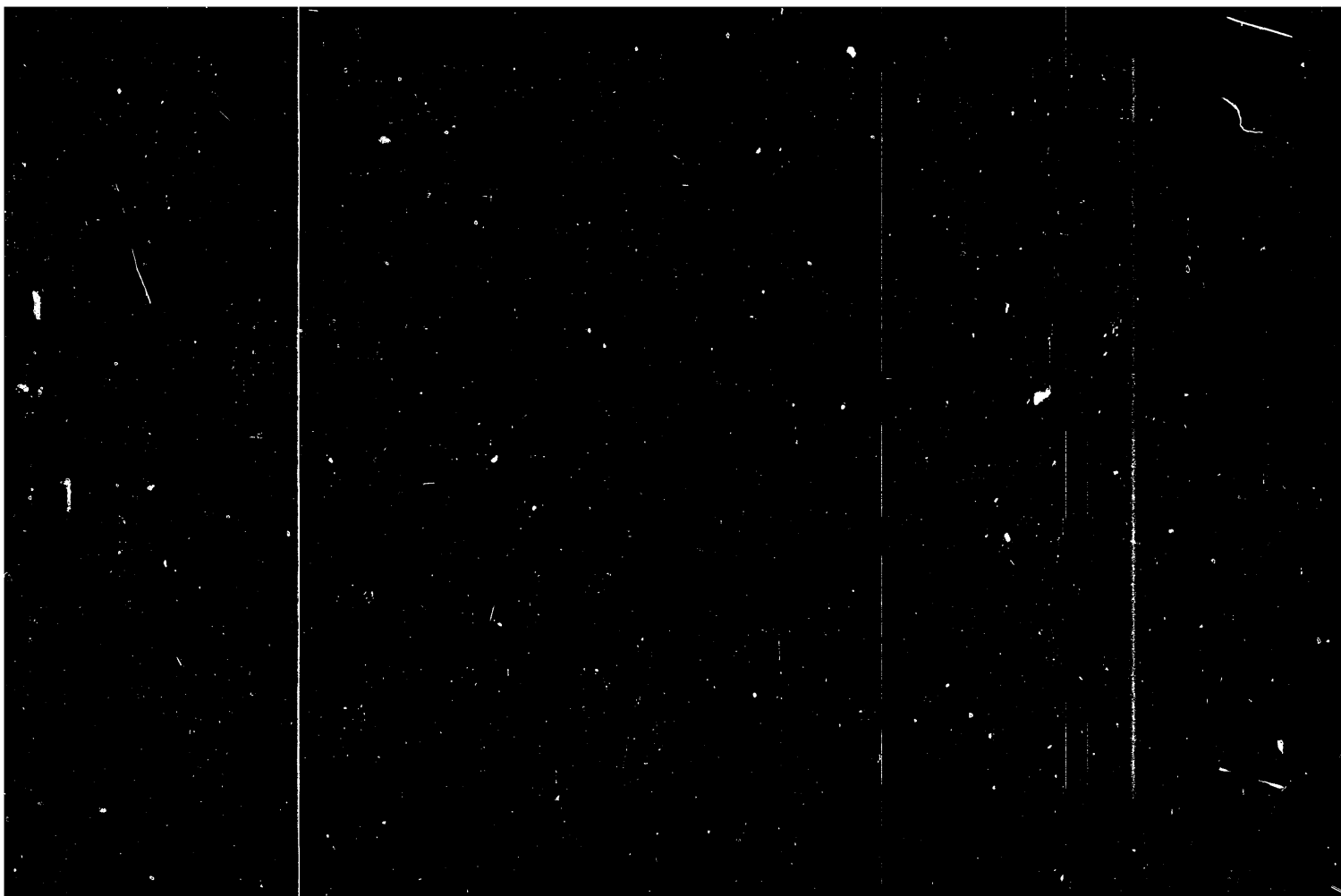
TITLE: The Systems $\text{PbCl}_2\text{-PbBr}_2$ and $\text{PbBr}_2\text{-PbI}_2$ (Sistemy $\text{PbCl}_2\text{-PbBr}_2$ i $\text{PbBr}_2\text{-PbI}_2$)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1958, Vol. 3, Nr 7, pp. 1655-1660 (USSR)

ABSTRACT: The systems $\text{PbCl}_2\text{-PbBr}_2$ and $\text{PbBr}_2\text{-PbI}_2$ were investigated by means of thermal analysis. The compound PbBr_2 was found to occur in form of two modifications. At 344°C a phase change $\alpha \rightleftharpoons \beta$ occurs. The melting temperatures of the β -modifications of $\text{PbCl}_2 = 480^\circ\text{C}$, $\text{PbBr}_2 = 364^\circ\text{C}$ and $\text{PbI}_2 = 396^\circ$ were determined. The solid solutions of PbCl_2 and PbBr_2 indicate the existence of the equimolar compound PbClBr . The phase transformation of liquid solutions into solid α -modification and the transformation of solid solutions of the α -modification into solid solutions of the β -modification characterize the melting diagram of the systems. In the system $\text{PbBr}_2\text{-PbI}_2$ there also exist α - and β -phase changes. There are 2 figures, 2 tables and 11 references, 6 of which are Soviet.

Card 1/2

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MODESTOVA, T.A., kand. tekhn. nauk, dotsent; GADZHANOVA, I.A., inzh.

Wear resistance of wool fabric blends with lavsan fibers.
Nauch. trudy MTILP no.30:173-178 '64.

(MIRA 18:6)

1. Kafedra tekhnologii shveytnogo proizvodstva Moskovskogo
tekhnologicheskogo instituta legkoy promyshlennosti.

F

(BUZOV, B. A.; MALESTOVA, T. A. (Moskva)

Provide the clothing industry engineers with a thorough knowledge
of textile materials. Shvein.prom. no. 4730-31 31-4g '64.

(MIRA 27.10)

BUZOV, Boris Aleksandrovich; POZHIDAYEV, Nikolay Nikolayevich;
MODESTOVA, Tat'yana Alekseyevna; PAVLOV, Anatoliy
Ivanovich; FLEROVA, Lyudmila Nikolayevna; ZORUK,
Vladimir Luk'yanovich; SADYKOVA, F.Kh., dots., retsenzant;
KUKIN, G.N., prof., red.; GRACHEVA, A.V., red.

[Practical laboratory work on the study of materials for
the clothing industry] Laboratornyi praktikum po materialo-
vedeniiu shveinogo proizvodstva. [By] B.A.Buzov i dr. Mo-
skva, Legkaia industriia, 1964. 439 p. (MIRA 18:2)

POBRYATVA, T.A., kand. tekhn. nauk, doklad

design and calculation of a machine for cutting. Nauch. izv. VNIIT no. 28:13-14, 1963.

1. Kafedra tekhnologii drevnogo proizvodstva. Nauch. izv. VNIIT no. 28:13-14, 1963.

MODESTOVA, T.A.; BUZOV, B.A.

Changes occurring in the geometry of fabrics during stretching.
Isv.vys. ucheb. zav.; tekhn. tekst. prom. no.6:22-28 '63
(MIRA 17:8)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti.

MODESTOVA, T.A.; BUZOV, B.A.

Concerning the textbook "Commercial study of textiles" by G.N.Kukin and A.N.Solov'ev, professors of the Moscow Textile Institute. Izv. vys.ucheb.zav.; tekhn.tekst.prom. no.3:156-157 '63. (MIRA 16:9)

1. Moskovskiy tekhnologicheskoy institut legkoy promyshlennosti.
(Textile industry)
(Kukin, G.N.)
(Solov'ev A.N.)

NODISTOVA, T.A., kand. tekhn. nauk, dotsent; BORISOVA, G.L., inzh.

Cutting in bulk from capron fabrics. Nauch. trudy MTILP 25:
205-209 '62. (MIRA 16:8)

1. Kafedra tekhnologii shveynykh izdeliy Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

MODESTOVA, Tat'yana Alekseyevna; VIKHROV, Pavel Georgiyevich;
SHELKHOV, Nikolay Nikolayevich; HELEN'KIY, I.S.,
retsensent; PLENYANNIKOV, M.N., red.; VINOGRADOVA,
G.A., tekhn. red.

[Commercial study of materials used in clothing manufacture]
Materialovedenie shveinogo proizvodstva. Izd. 4., ispr. 1 dop.
Moskva, Gisleprom, 1963. 278 p. (MIRA 16:8)
(Textile fabric)
(Clothing industry--Equipment and supplies)

MODESTOVA, T.A., kand. tekhn. nauk, dotsent; IVANOVA, T.L., inzh.

Use of "filizelin" for front interlining. Nauch. trudy MTILP
no.24:232-236 '62. (MIRA 16:7)

1. Kafedra tekhnologii shveynogo proizvodstva Moskovskogo
tekhnologicheskogo instituta legkoy promyshlennosti.
(Nonwoven fabrics)

MODESTOVA, T.A.

Review of the textbook "Textile materials for the clothing industry"
by N.N. Pozhidaev and others. Izv. vys. ucheb. zav.; tekhn. teks.
prom. no. 2:156-157 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti.
(Clothing industry) (Textile fabrics)
(Pozhidaev, N.N.)

BAZHENOV, V.I.; MODESTOVA, T.A., retsensent; ZAV'YALOVA, A.N., red.;
IMSHENNIK, I.G., tekhn. red.

[Guide to textile materials in the clothing industry;
abstracts of lectures]Shveinoe materialovedenie; konspekt
lektsii. Moskva, Nauchno-metodicheskii kabinet. Pt.1.[Textile
fibers]Tekstil'nye volokna. 1960. 80 p. Pt.2.[Technology of
textile manufacture]Tekhnologiya tekstil'nogo proizvodstva.
1961. 114 p. (MIRA 15:9)

(Textile industry)

MOISESTOVA, T.A., kand.tekhn.nauk, dotsent; BUZOV, B.A., inzh.

Methodology for determining some shaping property indices of
textile fabrics. Izv. vys. ucheb. zav.; tekhn. leg. prom.
no. 1:124-136 '60. (MIRA 14:5)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii shveyynogo proizvodstva.
(Textile fabrics--Testing)

TRET'YAKOVA, Nina Yakovlevna. Prinimel uchastiye FODIMAN, L.V.
MODESTOVA, T.A., dotsent, kand.tekhn.nauk, retsenzent;
RUSAKOV, S.I., dotsent, kand.tekhn.nauk, nauchnyy red.;
GABOVA, D.M., red.; KHAKHIN, M.T., tekhn.red.

[Guide for textiles used in clothing manufacture (textile fibers;
mechanical and chemical data on fibrous materials)] Materialovede-
nie shveinogo proizvodstva. (Tekstil'nye volokna; kratkaya mekhan-
icheskaya i khimicheskaya tekhnologiya voloknistykh materialov).
Moskva, Izd-vo nauchno-tekhn.lit-ry RSPSR, 1960. 231 p.

(MIRA 13:11)

(Textile fibers) (Clothing industry)

MODESTOVA, Tat'yana Alekseyevna; FLEROVA, Lyudmila Nikolayevna; BUZOV,
Boris Aleksandrovich; KUKIN, G.N., prof., retsentsent; POZHIDAYEV, N.N.,
dotsent, retsentsent; VARSHAVSKAYA, L.S., red.; MEDVEDEV, L.Ya.,
tekhn.red.

[Material used in the clothing industry] Materialovedenie shveinogo
proizvodstva. Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po legkoi
promyshl., 1957. 438 p. (MIRA 10:12)
(Clothing industry--Equipment and supplies)

MOJSETOVA, Tat'yana Alekseyevna; VIKHROV, Pavel Georg'yevich; SHELIKHOV,
Nikolay Nikolayevich; SOSULINA, V.N., rektor; MEDVEDEV, L.Ya.,
tekhnicheskii redaktor

[Textile fabrics and sewing supplies; merchandise guide for the
clothing industry] Materialovedenie shveinogo proizvodstva. Mo-
skva, Gos. nauchno-tekhn. izd-vo Ministerstva promysh. tovarov
shirokogo potrebleniia SSSR. 1955. 190 p. (MLRA 8:6)
(Textile fabrics) (Sewing--Equipment and supplies)

MODESTOVA, T.A. [redaktor]; VIKHROV, P.O.; SHELIKHOV, N.N.

[Textile science for the sewing industry] Materialovedenie shveinogo proiz-
vodstva. Pod red. T.A. Modestovoi. Moskva, Gos.nauchno-tekhn.izd-vo legkoi
promyshl., 1953. 185 p.

(ML2A 6:8)

(Textile fabrics)

NOBISTOVA, T.A.; AYKENSHEVYH, I.M.; KOSLOV, A.N., redaktor; KOVYKOV, A.K.,
tekhnicheskiiy redaktor

[The textile trade] Torgovlia tekstil'nyimi tovarami. Moskva, Gos.
torgovoe izd-vo, 1953. 107 p. [Microfilm] (MIRA 7:10)
(Textile industry)

MODESTOVA, N. V.

"Data on the Investigation of the Bacteriostatic and Bactericidal Properties of Soft Resins From Coniferous Trees." Cand Med Sci, Molotov Medical Inst, Molotov, 1953. (RZhBiol, No 1, Sec 54)

SO: Sum 432, 29 Mar 55

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Method of fixing and insulating specimens for electro-chemical and corrosion studies. V. N. Modestova, N. D. Tomashov., Trudy Inst. fiz.khim. AN SSSR, No. 3, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1958^{1/2}, Uncl.

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Effect of the number of worked-out chambers on a given
nature of the deformation of the interchamber pillars and roof.
Izv. vys. ucheb. zav.; gor. zhur. no.9:38-43 '61.
(MIRA 15:10)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo
Znameni gornyy institut imeni G. V. Plekhanova. Rekomendovana
kafedroy rasrabotki plastovykh mestoroshdeniy.

(Coal mines and mining)

MODESTOV, Yu.A., inzh.; MAKHAN'KO, Yu.A., inzh.

Roof deformations in empty stopes of the Noril'sk coal-bearing region. *Izv.vys.ucheb.sav.; gor.zhur. no.3:59-64 '61.*

(MIRA 15:4)

1. Rekomendovana kafedroy razrabotki plastovykh mestorozhdeniy Leningradskogo gornogo instituta. 2. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gornyy institut imeni G.V.Plekhanova (for Modestov). 3. Noril'skiy gornometallurgicheskiy kombinat imeni A.P.Zavenyagina (for Makhan'ko).

(Noril'sk region—Coal mines and mining)

DYAD'KIN, Yu.D.; MODESTOV, Yu.A.; KAREPIN, B.G.; VESTERMAN, G.M.

Operation of a protective shield under the effect of impact
loads in free roof caving. Zap. LGI 48 no.1:64-72 '63.
(MIRA 17:8)

SHIRENKO, K.I.; MODESTOV, Yu.A.; LOGUSOV, B.I.

Testing the chamber and pillar mining method in mine No.3. Ugol'
34 no.12:10-14 D '59. (MIRA 13:4)

1. Shakhta No.3 (for Shirenko). 2. Leningradskiy gornyy institut
(for Modestov). 3. Trest Leningradslanets (for Logusov).
(Leningrad Province--Shale)
(Mining engineering)

Devices For Servicing Diesel (Cont.)

SOV/2563

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AVAILABLE: Library of Congress (TF 975.B6)

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1/27/60

Devices For Servicing Diesel (Cont.)

SOV/2968

while working in the shops and around the locomotives are also given. No personalities are mentioned. There are 17 references, all Soviet.

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MODESTOV, Ye.N.

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PHASE I BOOK EXPLOITATION

SOV/2968

Bol'shakova, Lyudmila Mikhaylovna, and Yevgeniy Nikolayevich Modestov

Ustroystva dlya ekipirovki teplovozov i elektrovovozov (Devices for Servicing Diesel and Electric Locomotives) Moscow, Transzheldorizdat, 1959. 316 p. 10,000 copies printed.

Ed.: A. I. Tibabshev, Engineer; Tech. Ed.: G. P. Verina.

PURPOSE: This book is intended for railroad men supplying locomotives with fuel, lubricants, water, sand, and other materials, and for railroad foremen, motormen, and locomotive crews.

COVERAGE: The authors discuss the problems of furnishing the diesel and electric locomotives of the USSR railroad system with the materials necessary for their efficient operation. They present detailed description of fuels, lubricants, water, sand, and other materials used by locomotives. The mechanisms and installations used, their design, operation, upkeep and repair, with particular emphasis on latest sand-drying ovens and the liquid-measuring devices which automatically dose and count fuels and lubricants, are minutely described. Storage and delivery facilities and the safety technique rules to be observed

Card 1/3

MODESTOV, Vladimir Vasil'yevich; KOPYLOVA, L.P., red.; RAKOV, S.I., tekhn.
red.

[Labor and trade-union movement in the Donets Basin before the
Great October Socialist Revolution] Rabochee i profsoizusnoe dvizhenie
v Donbasse do Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii.
[Moskva] Isd-vo VTsSPS Profizdat, 1957. 131 p. (MIRA 11:4)
(Donets Basin--Labor and laboring classes)

GIGERANZE, K.I.; MOBESTOV, V.P.; MIRONOV, S.M.

Study of the functional state of the liver in plants using radio-
active tracers. Izv. Inst. eksp. i klin. fiziol. i genet. AN
Gruz. SSR 11:91-94 '69. (MIRA 17:8)

MODESTOV, V.K., prof.; SOKOLOV, A.B., mladshiy nauchnyy sotrudnik

Distribution and excretion of C^{14} -tagged nicotinic acid in
rats. Trudy TSIU 71:194-200 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K.; KOLESNIKOV, B.P.

Preparation of an air-xenon mixture for the study of the residual
volume of air in the lungs. Trudy TSIU 71:51-55 '64.
(MIRA 18:6)

1. Kafedra meditsinskoy radiologii (sav.- prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K., prof.; KOZYREVA, A.L., kand. med. nauk

Method of orienting determination of the acidity of gastric
juice without intubation. Trudy TSIU 71:10-16 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (sav. prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K., prof.; SIVOSHINSKIY, D.S., dotsent

Training specialists in the use of radioisotopes in experimental
and clinical medicine in the Department of Medical Radiology.
Trudy TSU 71:3-9 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav.- prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K., prof.; VYSOKIY, F.F.; KAPERKO, F.F.

Diagnostic possibilities of the use of Na^{24} in heart and lung pathology. Med. rad. 9 no.2:24-28 D '64.

(MIRA 18:12)

1. Kafedra meditsinskoy radiologii (zav. - prof. V.K. Modestov)
i 2-ya kafedra terapii (zav. - prof. B.E. Votchal) Central'nogo instituta usovershenstvovaniya vrachey, Moskva.

ZHDANOV, V.M. + MODERNOV, V.F. (1954) (1954) (1954) (1954).

Study of the role of the railway in the development of the
the aid of railway transport. (1954) (1954) (1954) (1954)
Mash (1954)

1. Institute of Railway Transport, Moscow (1954) (1954) (1954) (1954)
meditsinskii, (1954) (1954) (1954) (1954) (1954) (1954)
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VOLUME, 6.16, PAGE 21, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.0, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.0, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.0, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.0, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.0, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.0, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.0, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.0, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.0, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.0, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0, 69.1, 69.2, 69.3, 69.4, 69.5, 69.6, 69.7, 69.8, 69.9, 70.0, 70.1, 70.2, 70.3, 70.4, 70.5, 70.6, 70.7, 70

1. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of Nevada:

1. *Kosten* = *Costs* *Einmalig* = *One-time* *Wiederkehrend* = *Recurring*
2. *Zahlungsmittel* = *Assets* *sonstige Vermögensgegenstände* = *Other assets*
3. *Waren* = *Inventory* *sonstige Vermögensgegenstände* = *Other assets*

MODESTOV, V.K.; TSYDANKOV, A.T.

Study of the functional state of the thyroid gland by means of
 ^{131}I -labeled triiodothyronine. Med. rad. 10 no.6:11-13 Je '65.
(MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. - prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

MOSEVIT, V.K. TSHIRKOV, A.T.

Use of ^{132}I for the examination of the functional state of the thyroid gland. Med. rad. 10 no.1:14-17 Ja '65. (MIRA 18:7)

1. Kafedra meditsinskoy radiologii (sav. - prof. V.K.Medestov)
Tsentral'nyy institut usovershenstvovaniya vrachey, Moskva.

MODESTOV, V.K., prof.; KLYACHKO, V.R.; GEORGADZE, K.L.; MIRKHODZHAYEV, A.Kh.

Determination of the function of the thyroid gland by the
accumulation of tagged triiodothyronine in the erythrocytes.
Trudy TSIU 71:61-69 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov)
2. Kafedra endokrinologii (ispolnyayushchiy otyazannosti
zaveduyushchego detsent L.N. Anosova) Tsentral'nogo instituta
usovershenstvovaniya vrachey.

MODESTOV, V.K.; TSYCANOV, A.I.

Use of I^{132} in the study of the functional state of the thyroid gland. Trudy TSIU 71:56-60 '64. (MIPA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K.; KAPERKO, F.F.

Device for opening ampules of Kr⁸⁵ and preparation of air-krrypton mixture. Med. rad. 9 no.8:75-77 Ag '64. (MIRA 12'64)

1. Institut meditsinskoy radiologii AN SSSR i kafedra meditsinskoj radiologii (zav. - prof. V.K.Modestov) Tsentral'nogo instituta usoveshchestvovaniya vrachey, Moskva.

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[Therapeutic use of radioactive isotopes (I^{131} and P^{32})]
Lechebnoe primenenie radioaktivnykh izotopov (I^{131} i P^{32}).
Moskva, Meditsina, 1964. 164 p. (MIRA 17:11)

1. Zaveduyushchiy kafedroy meditsinskoy radiologii Tsentral'nogo instituta usovershenstvovaniya vrachey (for Modestov).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900047-6

~~Spinal-cord scanning~~

paper presented at the Symp on Medical Radioisotope Scanning, Athens, 20-24 Apr 64.

Faculty of Medical Radiology, Cent Inst for Postgraduate Med Training, Moscow.

MODESTOV, V. K.

"Spinal-cord scanning in cases of Syringomyelia."

report submitted for the Symposium on Medical Radioisotope Scanning, Intl. Atomic Energy Agency, Athens, Greece, 20-24 April 1964.

Fac. of Med. Radiology, Cent. Inst. for Advanced Training of Physicians, Moscow.

MODESTOV, V. K.

Results achieved by the Conference on the Use of Radioisotopes in Medicine. Atom. energ. 12 no.4:350-351 Ap '62.
(MIRA 15:2)

(Radioisotopes--Therapeutic use)

MODESTOV, V.K.; KLACHKO, V.P.; MIRKHODZHAYEV, A.Kh.

Examination of the thyroid gland by the scanning technique.
Med. rad. 7 no.11:17-22 N'62. (MIRA 16:9)

1. Iz kafedry meditsinskoy radiologii (zav. - prof. V.K. Modestov) i kafedry endokrinologii TSentral'nogo instituta usovershenstvovaniya vrachey.
(IODINE ISOTOPES) (RADIOMETRY) (THYROID GLAND--DISEASES)

VOTCHAL, B.Ye.; MODESTOV, V.K.; AKOPYAN, M.A.

Determination of the volume of residual air in the lungs with
radioactive xenon. Med.rad. no.5:3-6 '62. (MIRA 15:8)

1. Iz 2-y kafedry terapii i kafedry meditsinskoy radiologii Tsentral'nogo instituta usovershenstvovaniya vrachey.
(XENON--ISOTOPES) (RESPIRATION)

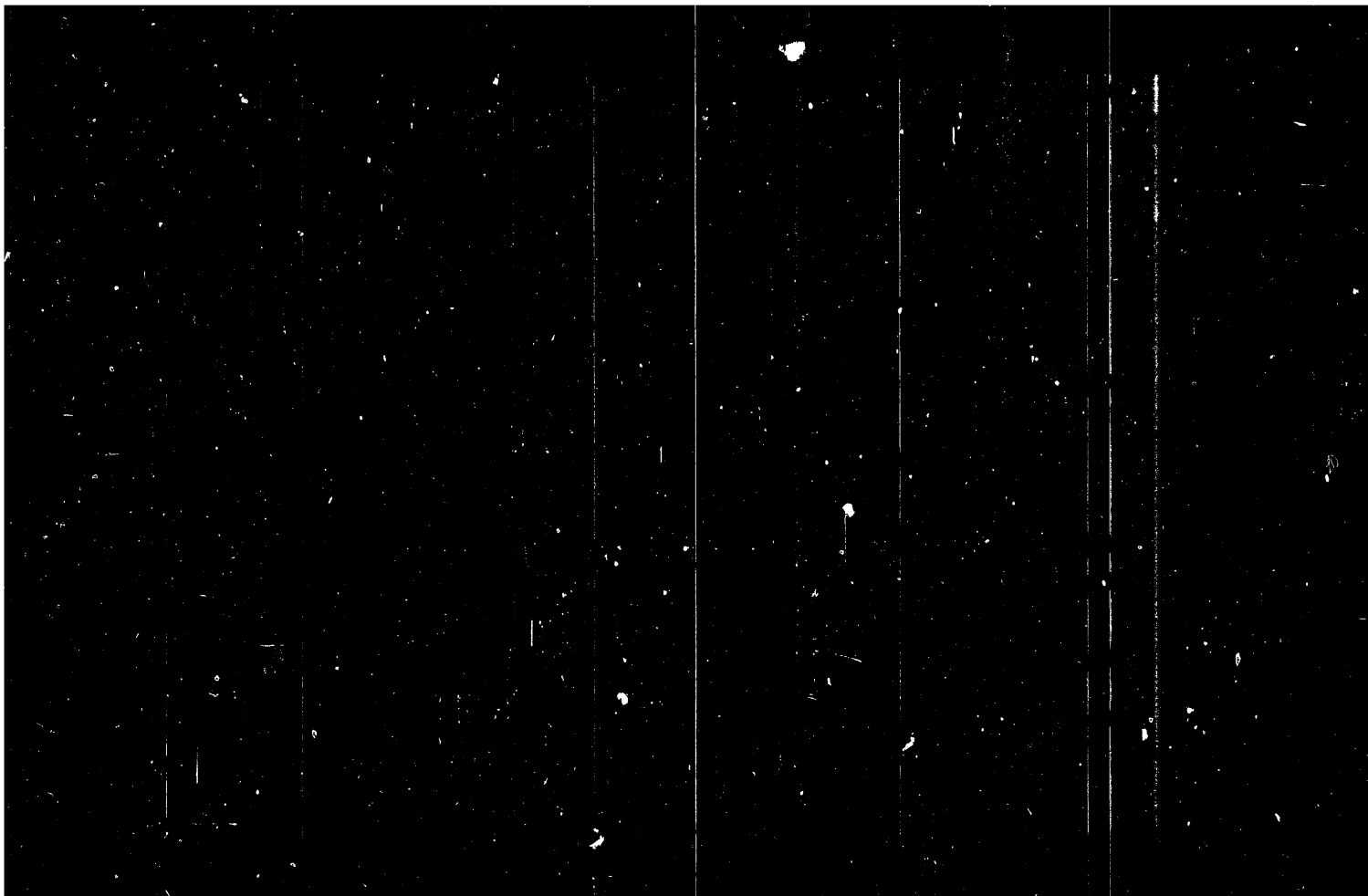
MODESTOV, V.K., prof.; KLYACHKO, V.R.; GEORGADZE, K.L.; MIRKHODZHAYEV, A.Kh.

Determination of thyroid gland function with I-131-labelled triiodo-
thyronine. Probl. endok. i gorm. 10 no.1:20-25 Ja-F '64.

(MIRA 17:10)

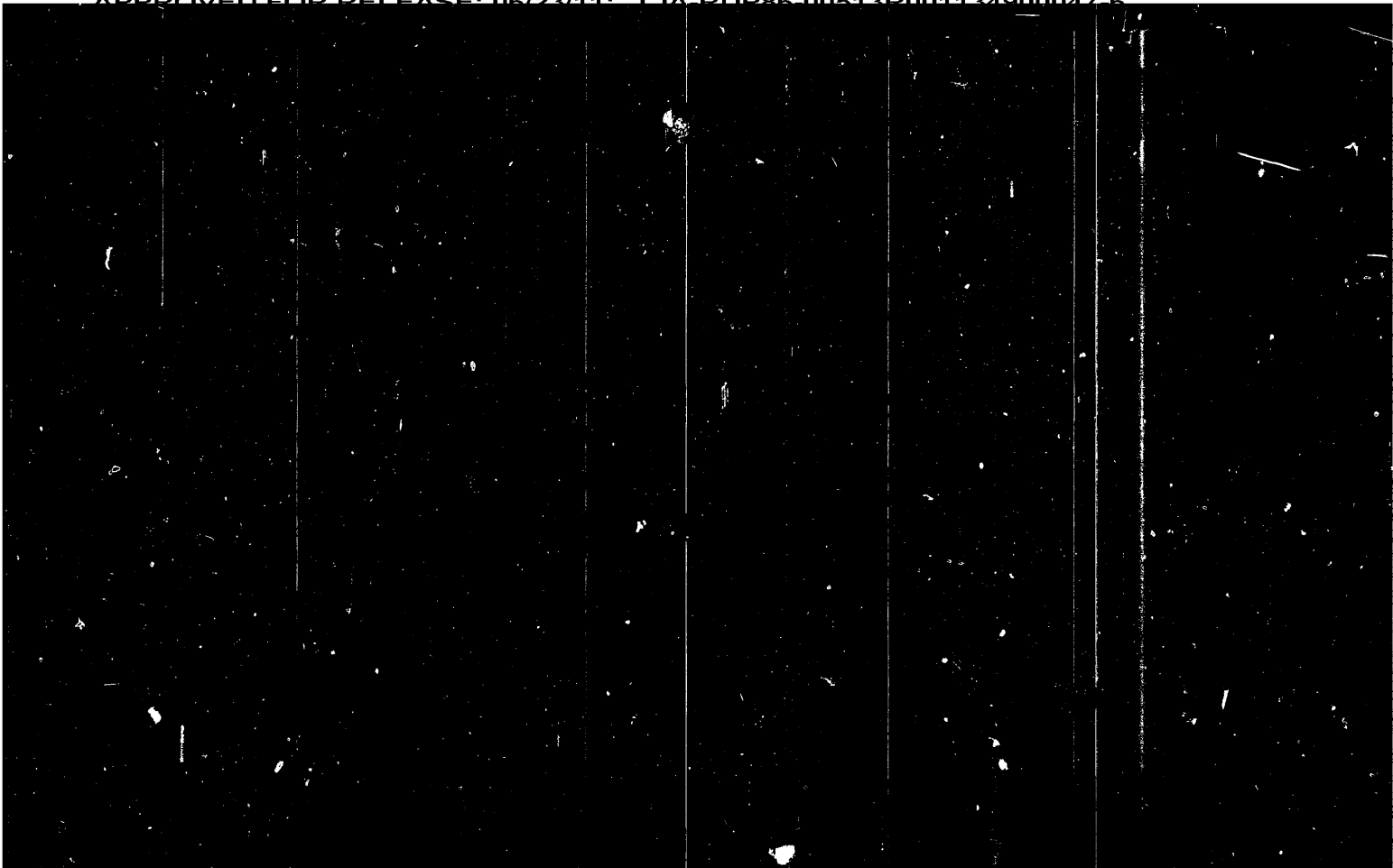
1. Kafedra meditsinskoy radiologii (zav. - prof. V.K. Modestov) i
kafedra endokrinologii (ispolnyayushchiy obyazannosti zaveduyushchego
- dotsent L.N. Anosova) TSentral'nogo instituta usovershenstvovaniya
vrachey, Moskva.

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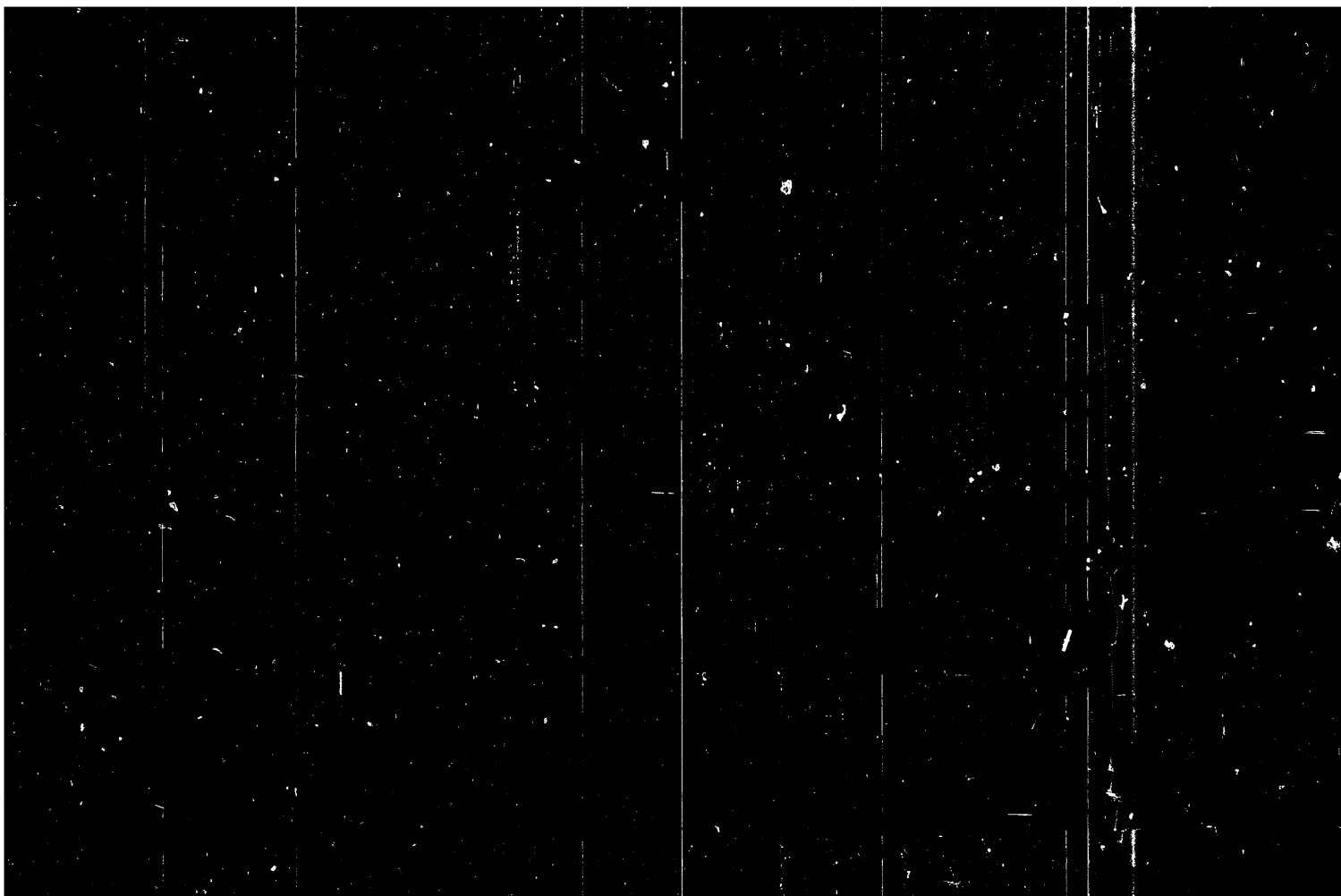


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MODESTOV, V.K., prof., red.

[Problems of medical radiology] Voprosy meditsinskoi radiologii. Moskva, 1962. 260 p. (MIRA 17:5)

1. Moscow. Tsentral'nyy institut usovershenstvovaniya vrachey. 2. Zaveduyushchiy kafedroy meditsinskoy radiologii Tsentral'nogo instituta usovershenstvovaniya vrachey.

MODESTOV, V.K.; MIRKHODZHAYEV, A.Kh.

Clinical use of the diagnostic scintillation device of the
DSU-60 type. Med.rad. no.9:71-73 '61. (MIRA 15:1)

1. Iz kafedry meditsinskoy radiologii TSentral'nogo instituta
usovershenstvovaniya vrachey.
(RADIOLOGY, MEDICAL--EQUIPMENT AND SUPPLIES)

The Inexhaustible

SOV/3394

Introductory Remarks (Professor A. A. Sokolov)	18
Physical Principles of Atomic Power Engineering (Professor A.K. Krasin)	22
Application of Isotopes and Atomic Radiations in Scientific Research and Industry (Professor P. L. Gruzin)	45
Application of Radioactive Isotopes in Biology and Medicine (Professor <u>V. K. Modastov</u>)	75
Radioactive Fallouts and Their Consequences for Humanity (Professor A. V. Lebedinskiy)	89
Large-scale Industrial Experiment by the Soviet Union for the Selection of More Economical Types of Power Reactors (Doctor of the Physical and Mathematical Sciences O. D. Kazachkovskiy)	103
International Cooperation by the Soviet Union in the Peaceful Use of Atomic Energy (Professor D. V. Yefremov)	125

Card 2/3

Mo D z S To v, V. K.
p. 2

21(3,4); 17(10)

PHASE I BOOK EXPLOITATION

SOV/3394

Neisчерpayemy (The Inexhaustible) Moscow, Atomizdat, 1959. 149 p.
Errata slip inserted. 10,000 copies printed.

Compiler: V. P. Parkhit'ko; General Ed.: A. K. Krasin, Doctor of Physical and
Mathematical Sciences, Professor; Ed.: N. M. Pchelintseva; Tech. Ed.: N. A.
Vlasova.

PURPOSE: This book is intended for the layman interested in the peaceful use of
atomic energy.

COVERAGE: This book contains several reports by leading Soviet scientists,
specializing in the peaceful uses of atomic energy, at the international
seminar on "Youth and Peaceful Use of Atomic Energy," held in August, 1958,
under the auspices of the Committee on Youth Organizations of the USSR.

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Card 1/3	

MODESTOV, V.K., prof., red.; LEBEDEVA, V.P., otv. red.; SHNOL', S.E., red.;
PETROV, S.P., tekhn. red.

[Using radioactive isotopes in clinical and experimental examinations]
Primenenie radioaktivnykh izotopov v klinicheskikh i eksperimental'nykh
issledovaniyakh. Pod red. V.K.Modestova. Moskva, 1958. 209 p.
(MIRA 11:10)

1. Moscow. Tsentral'nyy institut usovershenstvovaniya vrachey.
(RADIOISOTOPES)

MODESTOV, V. ^{K.} (Prof.)
^

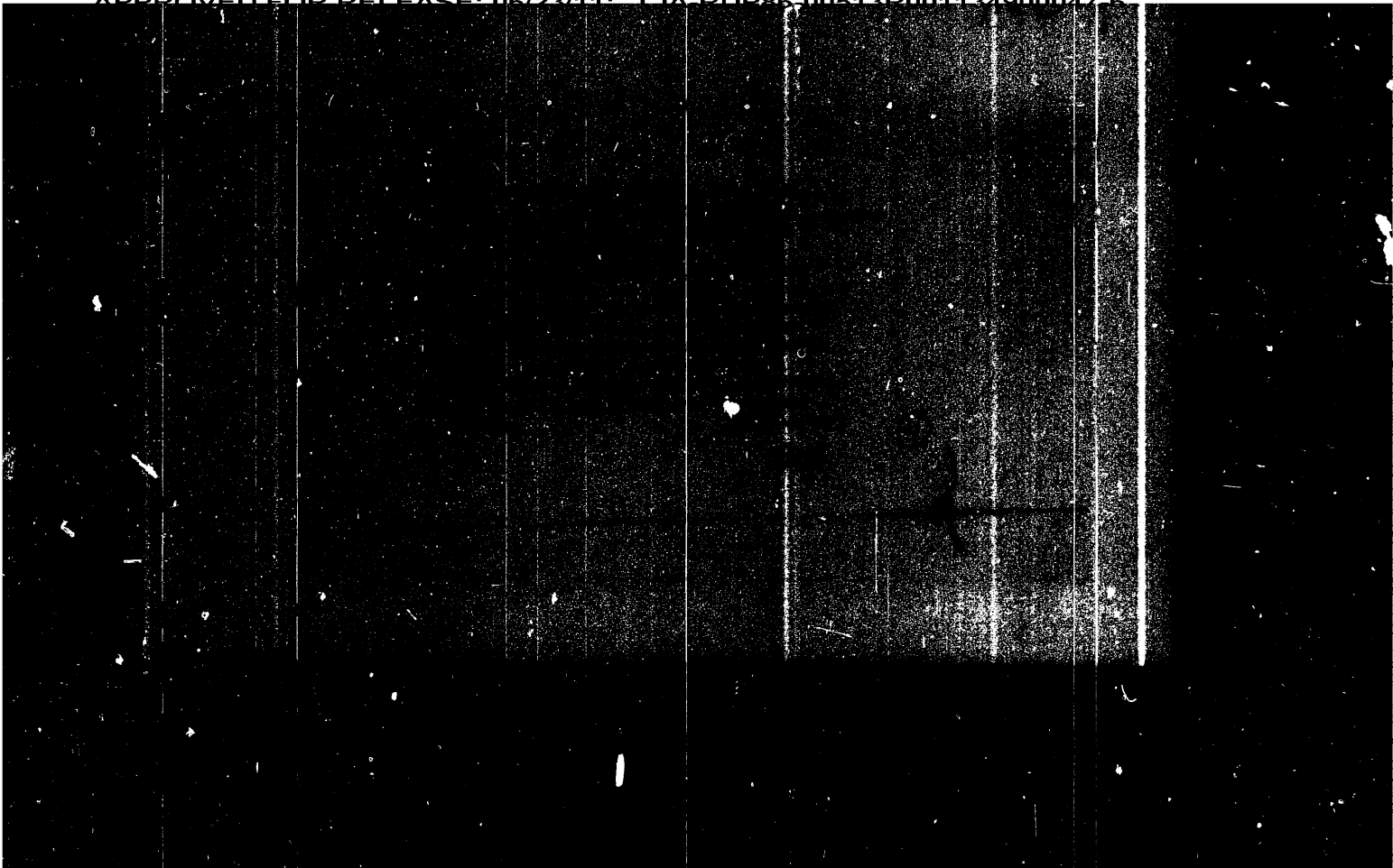
"Radioactive Isotopes in Biology and Medicine."

report distributed at the International Seminar on Peaceful Uses of Atomic
Energy and the Youth, Moscow, August 1958.

The article, "Advantages Resulting From the Use of Radioactive Isotopes in Medicine," by V. K. Modestov of the Central Institute for the Advanced Training of Physicians presents the text of a lecture delivered by the author on 3 December 1956 at the Leipzig "Atomic Energy for Peace" exhibition. The article summarizes the more important uses of radioactive isotopes in medicine, and discusses in some detail the use of radioactive iodine in Soviet hospitals and clinics. (Wissenschaftliche Annalen, No 3, Nov 57, pp 145-153) (U)

54M.1345

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MODESTOV, V. K.

Application of natural and artificial radioactive water in balneotherapy.
Molotov, 1941. 112 p. Trudy Molotovskogo meditsinskogo instituta; vyp. 20.

MODESTOV, P. S.

USSR/Physics

Dec 1947

Lamps, Mercury
Radiation - Measurements

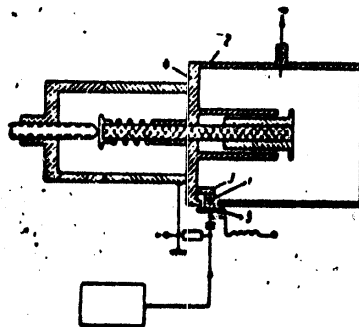
"A Simple Method of Controlling the Constancy of Radiation of Mercury-quartz Lamps," G. P. Bartenev, P. S. Modestov, Scientific Research Institute of the Rubber Industry, 1½ pp

"Zavodskaya Laboratoriya" Vol XIII, No 12

Tests were made of the constancy of radiation of mercury-quartz lamps of the FRK-2 (filamentless) type. Two methods of controlling the constancy were chosen for their simplicity and dependability of results: a spectroscopic and photometric key method and a method using a photoelement and light filters. The results of the experiments with these two methods are presented graphically.

PA 36398

ACC NR: AP7009066



1--parametric diode; 2--resonator; 3--coupling element; 4--resonator wall; 5--structural capacitance

SUB CODE: 09/ SUBM DATE: 10Dec65

Card 2/2

ACC NR: AP7009066 SOURCE CODE: UR/0413/67/000/003/0039/0039
INVENTOR: Sobolev, A. I.; Modestov, L. A.; Kotov, Yu. A.
ORG: None
TITLE: An SHF frequency divider. Class 21, No. 190943
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 39
TOPIC TAGS: SHF, frequency divider, semiconductor diode, resonator
ABSTRACT: This Author's Certificate introduces an SHF frequency divider based on a parametric diode and coaxial resonator. To increase the multiplication factor with isolation of the working harmonic and simultaneous suppression of other harmonics, the parametric diode is adjusted for partial triggering of the PN junction and connected at the antinode of the current from a high-Q resonator, connected through a coupling element to the short-circuited wall of this resonator and shunted by a capacitor.

Card 1/2

UDC: 621.375.93

Parametric amplifier

S/107/62/000/001/001/001
D273/D305

the grid of the input valve of the PRK unit by a 10 to 15 cm cable. Detailed information is given for the winding of the coils, e.g. size of coils, type of wire, number of turns. The p-n junction transistor used as variable capacity should be chosen so that it has the correct characteristics and, in particular, the capacity should not change by more than a factor of 2 when the applied voltage varies from 0 to -3 volts. The average capacity should not exceed 8 to 9 pf. A step by step description of the tuning of the amplifier is given using a 40 to 300 Mc/s signal generator and a d.c. voltmeter on the 1 volt scale. It is suggested in conclusion that amateurs having built a parametric amplifier of fixed frequency may wish to have one tunable over a frequency range of say 47 to 57 Mc/s when it will be necessary to introduce resistive tuning by a ferrite rod. There are 5 figures, and 2 Soviet-bloc references.

Card 3/3

D273/D305

Parametric amplifier

wiring diagrams are presented: 1) The input signal is fed to the input circuit of the amplifier and the amplified voltage of the frequency difference is taken from a tapping on the output coil with a parasitic condenser in parallel. The pumping signal is given by a non-linear capacity such as a p-n junction transistor type П-403 (P-403) tuned to the frequency of the supply signal. The power requirement is then 20 + 30 mv. 2) The amplification can be increased by a factor of 1.5 when the signal is fed from the generator by mutual inductance, the generator coil and output coil being some 3 to 4 mm apart. The power required is then up to 200 mv. The unit is built on a duralumin chassis 95 x 75 x 60 mm. There are two alternatives for connecting the amplifier to the ПTK (PTK) unit, either by a coaxial cable from the output of the unit to the tapped output coil of the amplifier, the tapping being found experimentally and the screen being earthed close to the earthing point of the coil, or by connecting the output coil of the amplifier to

Card 2/3

S/107/62/000/001/001/001
D273/D305

AUTHORS: Dedyukin, G., and Modestov, L., Engineers

TITLE: Parametric amplifier

PERIODICAL: Radio, no. 1, 1962, 47-49

TEXT: The authors describe the construction of a parametric amplifier which is to be connected to the input circuit of a television receiver as a means of increasing the signal to noise ratio for long-distance reception. An approximate amplification of 8 to 10 dB is claimed over a 1.7 to 2.0 Mc/s bandwidth clear images on 300 to 350 lines and clear sound signals. The circuit is recommended to experienced amateurs despite its simplicity. This parametric amplifier unit consists of the amplifier proper and its pumping signal generator which can be any sine wave generator working in the 200 to 250 Mc/s range with a smooth output power from 1 to 100 mv. Two alternative

Card 1/3

MODESTOV, G. G., BURDAROVICH, M. N.

Results of the organization for prevention of syphilis of the central nervous system. Vest. vener. No. 6, Nov.-Dec. 50. p. 34-6

1. Of the Clinic for Skin and Venereal Diseases (Head -- Prof. S. N. Grahabin), Chernovitsy Medical Institute (Director -- Docent D. S. Loviya) and of Kitsmanskiy Rayon Venereological Station (Head -- G. G. Modestov), Chernovitskaya Oblast (Head of Oblast Venereological Dispensary -- M. Ye. Kvashchuk).

GML 20, 3, March 1951

KHEYFETS, I.Kh., inzh.; RUDEV, V.B., inzh.; MODESTOV, B.S., inzh.

Method of designing the flanged joints of high-pressure pipe-
lines with lenticular laying. Khim.mashinostr. no.3:25-28
My-Je '63. (MIRA 16:11)

MODESTOV, B.B., insh.; USPENSKIY, A.V., insh.

Rubber cups as a packing for centrifugal pumps. Khim.mash. no.2:
8-9 Mr-Apr '60. (MIRA 13:6)
(Centrifugal pumps) (Packing (Mechanical engineering))

deceased
BEREZOVSKIY, B.Ya. [deceased]; VESELOVSKIY, I.N.; MODESTOV, A.Y.
[deceased]; LEVKOVICH, V.D.; BEZRUKOVA, N., red.; KALECHITS, G.,
tekhn. red.

[Reference book on elementary mathematics, mechanics, and
physics] Spravochnik po elementarnoi matematike, mekhanike i fi-
zike. Izd. 8. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn.
lit-ry, 1962. 199 p. (MIRA 16:3)
(Mathematics) (Mechanics) (Physics)

MODESTINU - NICOLESCU, A.

Distr: 4E3d/4E2o(j)

The catalytic dehydrogenation of some ethylbenzenes.
 II. The preparation of *o*-ethylstyrene and *o*-*p*-diethylstyrene by dehydrogenation of *o*-ethylbenzene with Cr_2O_3 - CuO - Al_2O_3 catalyst. *Ann. Roum. Chim.* 1960, 5, 1-10. (1960) cf. *CA* 52, 10834d. The behavior of a chain of four atoms attached to a benzene ring (*sec*-butylbenzene (I)) was studied in comparison with the behavior of a chain of three atoms (isopropylbenzene (II)); attempts were made to establish the selectivity of the catalyst and the identity of the ethylstyrene products. At temps. higher than 600° the stability of the side chain of I decreased. At such temps. more than 20% of light products resulting from the thermal decompn. were obtained, besides gases and coke. The chain of II was much more resistant and the catalyst was more selective for the dehydrogenation reaction. Up to 600° *o*-ethylstyrene was obtained, but even at 640° the yields from thermal decompn. were less than 10%. I gave about 23% *o*-*p*-diethylstyrene and about 30% *o*-ethylstyrene. The best selectivity of the Cr_2O_3 - CuO - Al_2O_3 catalyst for the dehydrogenation reaction in the chain of I was at 580°, at a volumetric speed of 0.4 vol./vol./hr. in the presence of CO_2 as diluent.

Meln Faurer-Horowitz

4
1-99 (NA)
2

MODESTINU - NICOLESCU, A.

Distr: 4E3d/4E2c(j)

Catalytic dehydrogenation of some alkylbenzenes. III
Preparation of *p*,*a*-dimethylstyrene, *a*-ethylstyrene, and
a,*β*-dimethylstyrene by dehydrogenation of *p*-cymene and
sec-butylbenzene on ZnO catalyst. A. Modestinu-Niculescu
(Univ. C. I. Parhon, Bucharest, Romania). *Ann. rep.*
Populare Romine, Studiul cercetari chim. 7, 231-32 (1959)
(French summary, 233-3); cf. preceding abstr. Dehydro-
genation of *p*-cymene (I) and *sec*-BuPh (II) was investigated
in the presence of steam on a piled catalyst (diam. 3-4
mm.), contg. 83.4 ZnO, 1 Cr₂O₃, 7 Al₂O₃, 6 CaO, and 2.6%
K₂O at 600-40° with a gas input of 0.2, 0.4, and 0.6 vol./
vol./hr. The main product from I was *p*,*a*-dimethylsty-
rene (III), those from II were *a*,*β*-dimethylstyrene (IV) and
a-ethylstyrene (V). Partial cracking also took place.
Conditions suggested for industry were: 600°, 0.4 vol./
vol./hr. velocity. The exit gas (when the feed gas passed
once through the catalyst without recycling) consisted of
84% III (on I converted) and 70% IV and V (on II con-
verted), resp. The conversion of I was 20.5%, that of
II 23.5%. IV. Preparation of *a*-methylstyrene by de-
hydrogenation of isopropylbenzene on ZnO catalyst. I. V.
Modestinu and A. Modestinu-Niculescu (Acad. R. P. R.,
Bucharest, Romania). *Idid.* 305-12. Dehydrogenation of
sec-BuPh (I) was investigated in the presence of steam (hy-
drocarbon-H₂O = 1:10-27.5) on various catalysts contg.
0-25.4 ZnO, 2.3-26.1 Al₂O₃, 0-6.0 CaO, 0-2.64 MgO, 0-
3.86 K₂Cr₂O₇, 0-2.4 K₂O, 0-2.31 K₂Cr₂O₇, and 0-25.5% clay
at 600-40° with a gas input of 0.3-0.4 vol./vol./hr. The
optimal conditions were 600-40° and 0.3 vol./vol./hr. with
a catalyst prep. from basic ZnCO₃ contg. 83.4 ZnO, 7
Al₂O₃, 6 CaO, and 2.6% K₂O in the presence of steam diluent
(hydrocarbon-H₂O = 1:10). The yield of *a*-methylstyrene
was 20-25% on I converted. T. 2441-

NIKOLESKU, I.V. [Nicolescu, I.V.]; MODESTINU-NIKOLESKU, A. [Modestinu-Nicolescu, A.]

Catalytic dehydrogenation of some alkyl benzenes. IV. Derivation of methylstyrene by dehydrogenation of isopropylbenzene over the catalyst based on ZnO. Rev chimie 4 no.2:199-206 '59. (EEAI 9:7)

1. Akademiy RMR, TSentr Khimicheskikh issledovaniy, Bukharest.
(Catalysts) (Dehydrogenation) (Methylstyrene)
(Alkyl groups) (Zinc oxide) (Cumene)
(Benzene)

Modestinu, A.

RUMANIA/Physical Chemistry - Kinetics. Combustion.
Explosives. Topochemistry. Catalysis

B-9

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3861

Author : Nicolescu I.V., Modestinu A., Popescu A.I.

Inst : Academy of Romanian People's Republic

Title : Catalytic Action of Some ~~Rumanian~~ Silicates in the
Synthesis of Isopropyl Chloride from Cracking Gases

Orig Pub : Comm. Acad. RPR, 1956, 6, No 1, 63-70

Abstract : At temperatures of 24-145° and space velocities 17-36,
a study was made of the catalytic activity (in the reac-
tion $C_3H_8 + HCl \rightarrow iso-C_3H_7Cl$) of silica gel, silica gel
impregnated with 15% $FeCl_3$, synthetic magnesium-aluminum
silicate ($Al_2O_3:SiO_2:MgO = 11:80:9$), and bentonite clay
having the composition $SiO_2:Fe_2O_3:Al_2O_3 = 62.88:12.46:$
18.40 (I). Catalytic activity of all the investigated
catalysts decreases with increase of the reaction tem-
perature; most active was found to be I, which at a

Card 1/2

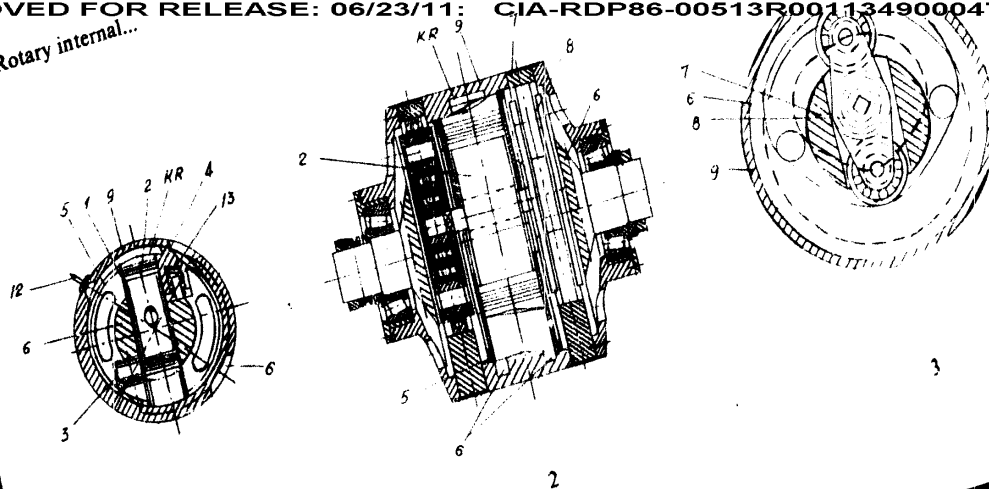
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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900047-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900047-6

Rotary internal...



Card 2/3

TITLE: Rotary internal combustion engines with separate expansion-chamber

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 42. Silovye ustanovki, no. 7, 1962, 83, abstract 42.7.457 P. Polish patent, class 46 a⁵, 9, no. 42685, January 15, 1960

TEXT: A peculiar feature of this new design in the presence of a separate expansion chamber in the engine body and of two imovable, internally shaped cams which are designed to impart the piston within the rotating cylinder a reciprocating motion. This motion comes to a halt twice during one turn of the engine shaft, at a displacement of 90° thus creating at the same time two working cycles in the expansion chamber. The cylinder (1) (see figure 1, 2) is rigidly fastened to the engine shaft (6), and during its rotation displaces the piston (2). The piston movement, controlled by the shape of the cams (7) (figure 3) fastened to the body (9), is generated by means of roller pushers (8) fixed to the piston (2) and moving along the cams. The sealing (packing) ring (5), fixed to the engine shaft, covers the admission parts thus controlling gas distribution. A recess in the body (9) of corresponding shape contributes the expansion chamber. The ignition plug (12) is mounted in the frontal section of the chamber. Under the action of the spring (13) supported by the cylinder bottom (3) and of the centrifugal force, the piston lip (4) ensures tight contact with the expansion chamber, and transmits the torque to the engine shaft by means of piston and [rotary] cylinder. Engine lubrication is of the mixed type

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Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65355

the content of tanning materials. TA of extracts is not found in simple dependence on the content of tanning materials but, in a period of ripening, this dependence is preserved during the conditions of drying at 20°. In the period of the ripening of the seeds, TA increases sharply, but gradually fluctuates and drops during drying at 50°. It is recommended that the raw material be gathered in the period preceeding flowering and dried under normal conditions, not raising the temperature.

Card 2/2

MODERSKI, F

POLAND/Medicinal Substances, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65355

Author : Borkowski Boguslaw, Kaminski Alfred, Moderski, F.
Inst : -

Title : Content of Tanning Materials and the Tanning Action of the Rhizome Polygonum bistorta Linne in the Period of Growth and the Influence of the Temperature of Drying.

Orig Pub : Acta polon. pharmac., 1956, 13, No 6, 467-475.

Abstract : The content of tanning materials was studied by the Polish method of pharmacopeia III, and the tanning action (TA) of the rhizome Polygonum bistortum Linne in the course of an annual vegetation period was studied by the biological method of Kaminskiy. Samples were dried at 20-50°. The greatest content of tanning materials was found in the spring; the least, in the period of the ripening of the seeds; it increases somewhat in the autumn, during which drying at 50° somewhat increases

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9

MODEROW, Włodzimierz (Gdynia)

Amortisation of expenses for purchase of a vessel and depreciation
of the vessel. Tech gosp morsk 12 no.9:262 3 '62.

MODEROW W.

MODEROW, W.

Is it rational and does it pay to buy secondhand ships?

p. 290 (Technika I Gospodarka Morska) Vol. 7, No. 10, Oct. 1957, Gdansk, Pola

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

MODEROV, Andrey Aleksandrovich, assistant

Electric transformer with increased leakage inductance as a nonlinear element for a current regulator. Izv. vys. ucheb. zav.; elektromekh. 5 no.6:684-686 '62.

(MIRA 15:10)

1. Kafedra teoreticheskikh osnov elektrotehniki Leningradskogo politekhnicheskogo instituta.

(Electric transformers) (Voltage regulators)

ASSOCIATION: Kafedra teoreticheskikh osnov elektrotehniki Leningradskogo politekhnicheskogo instituta (Department of Theoretical Fundamentals at the Leningrad Polytechnic Institute) [Abstracter's note: Author's position and association were taken from p 1 of journal]

SUBMITTED: November 2, 1960 (initially)
June 13, 1961 (after revision)

Card 3/4

X

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900047-6

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REF ID: A66544

with periodically varying parameters. The analysis showed that the self-excitation of the circuit with a nonlinear electromagnetic element and a nonlinear load is possible only for a certain range of values of the parameters of the circuit. The analysis also showed that the self-excitation of the circuit with a nonlinear electromagnetic element and a nonlinear load is possible only for a certain range of values of the parameters of the circuit. The analysis also showed that the self-excitation of the circuit with a nonlinear electromagnetic element and a nonlinear load is possible only for a certain range of values of the parameters of the circuit.

SECRET

ord 2/3

AUTHOR:

Udovikov, A. I. *Author's name*

TITLE:

Self oscillations in a circuit with a nonlinear element

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Elektrikhnost
1961, 3-14

TEXT: The author analyzes self-oscillations of an electric circuit containing a nonlinear element in the form of a reactive coil with an anchor. The magnetic core. A roller-supported anchor is placed in the gap between the poles of the ferromagnetic core, so that it can freely move along the gap. Under the action of gravity and the electromagnetic force, the anchor oscillates. Fig. 1. The freely moving anchor generates self-oscillations in the circuit, especially when a capacitor is connected in series with the nonlinear element. These oscillations are inadmissible when the element works as a stabilizer. The purpose of this analysis is to determine the nature and amplitude of these oscillations. The adapted method of analysis is that the anchor is

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